

# A new species of Protura from Greece: *Protentomon hellenicum* sp. n.

by

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With 10 figures

## *Protentomon hellenicum* sp. n.

Locality. Zante, Katastarion, in a soil sample 1 ♀, 1 m. j. and 1 larva II, 23.3.1971, Dr. B. Hauser leg. (Gr. 71/10).

Holotype ♀ mounted in Swan's medium kept in Muséum d'Histoire naturelle de Genève.

Description. Length of body 650  $\mu$ . Foretarsus without claw 35  $\mu$ .

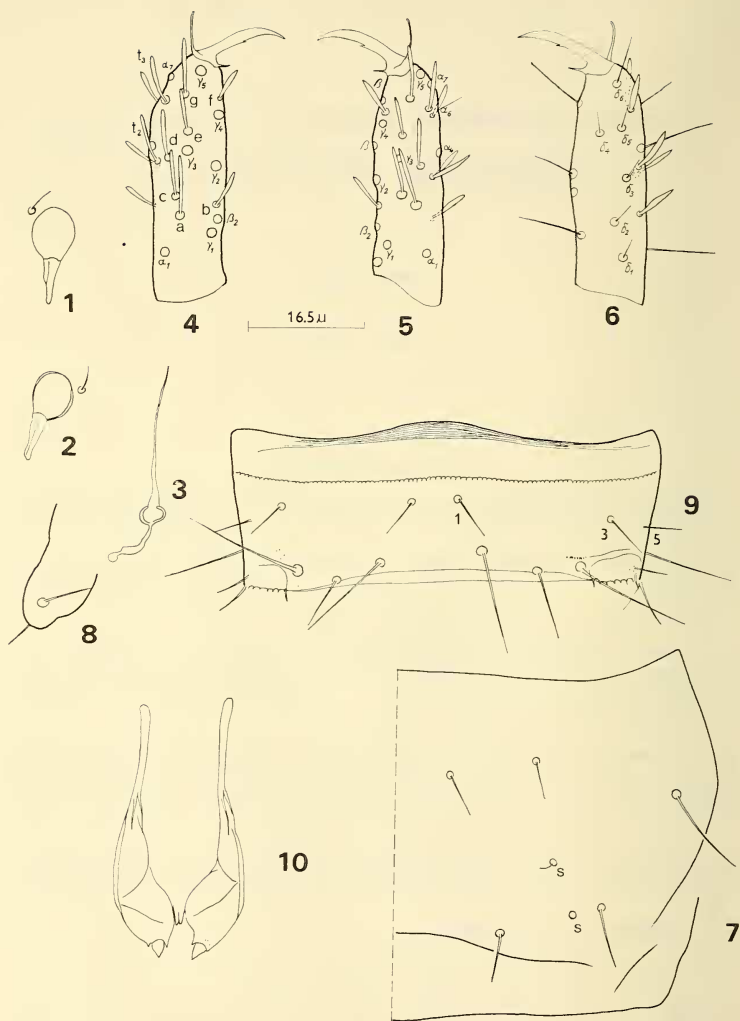
Head. Mouthparts of protentomine type. Pseudoculus with prolongation a little longer than its anterior part (Figs. 1, 2). Canal of maxillary glands of usual type for genus. PR = 12.

Thorax. Foretarsus without dorsal sensilla  $t_1$ . The sensillae of willow leaf shape and with median rib which may be an optical illusion. Sensillae  $a$  and  $g$  longer than the others;  $a$  and  $c$  lying closely together. The ratio of sensillae on the exterior side of foretarsus  $a:b:c:d:e:f:g$  as 15:10:12:12:10.5:9:14; on the inner side  $a':b':c'$  as 10:10:10. TR = 2.7, EU = 0,16 (Figs. 4, 5, 6). Metathorax with two sensillae  $s$  (Fig. 7).

Abdomen. Abdominal legs I - II with 3 setae, the apical leg III with one long and one short seta (Fig. 8). Comb VIII with very fine teeth 6 - 7 in number (Fig. 9).

Chaetotaxy in TUXEN's system:

	I	II-III	IV-VI	VII	VIII	IX	X	XI	XII
terg.	$\frac{0}{12}$	$\frac{0}{12}$	$\frac{0}{12}$	$\frac{0}{16}$	$\frac{6}{14}$	10	8	6	9
stern.	$\frac{4}{2}$	$\frac{4}{3}$	$\frac{4}{6}$	$\frac{2}{6}$	4	4	4	6	8



*Protentomon hellenicum* sp. n. holotype ♀ FIGS. 1-10: 1-2. Pseudoculi. — 3. Canal of maxillary gland. — 4-5. Foretarsi in exterior view. — 6. Foretarsus in interior view. — 7. Chaetotaxy of metathorax. — 8. The third abdominal leg. — 9. Abd. VIII. — 10. Squama genitalis ♀.

Squama genitalis ♀ with knob-like acrostyli and median papillae (Fig. 10).

Affinity. The new species *Protentomon hellenicum* sp. n. is closely related to *Protentomon fallax* Condé, 1948 but differs from it in the presence of sensilla *d* and in TR.

#### REFERENCES

- NOSEK, J. 1973. The European Protura. Their taxonomy, ecology and distribution with keys for determination. *Geneva: Muséum d'Histoire naturelle*, 345 pp.
- TUXEN, S. L. 1964. The Protura. A revision of the species of the World with keys for determination. *Paris: Herman*, 360 pp.

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